

Historic, Archive Document

Do not assume content reflects current
scientific knowledge, policies, or practices.

Reserve
292.9
503Wa

FEDERAL - STATE - PRIVATE
COOPERATIVE SNOW SURVEYS

U. S. DEPT. OF AGRICULTURE
NATIONAL AGRICULTURAL LIBRARY

MAY 26 1966

CURRENT SERIAL RECORDS

WATER SUPPLY OUTLOOK
and
FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS
for
UTAH

UNITED STATES DEPARTMENT of AGRICULTURE...SOIL CONSERVATION SERVICE,
and
STATE ENGINEER of UTAH

In cooperation with U.S. Forest Service, Bureau of Reclamation,
Utah Fish and Game Dept., Utah Agricultural Experiment Station,
U.S. National Park Service, U.S. Geological Survey; and other
Federal, State, and private organizations.

||||||| AS OF |||||
MAY 1, 1966

UNITED STATES DEPARTMENT OF AGRICULTURE - SOIL CONSERVATION SERVICE

To Recipients of Water Supply Outlook Reports:

Most of the usable water in western states originates as mountain snowfall. This snowfall accumulates during the winter and spring, several months before the snow melts and appears as streamflow. Since the runoff from precipitation as snow is delayed, estimates of snowmelt runoff can be made well in advance of its occurrence. Streamflow forecasts published in this report are based principally on measurement of the water equivalent of the mountain snowpack.

Forecasts become more accurate as more of the data affecting runoff are measured. All forecasts assume that climatic factors during the remainder of the snow accumulation and melt season as they affect runoff will add to be an effective average. Early season forecasts are therefore subject to a greater change than those made on later dates.

The snow course measurement is obtained by sampling snow depth and water equivalent at surveyed and marked locations in mountain areas. A total of about ten samples are taken at each location. The average of these are reported as snow depth and water equivalent. These measurements are repeated in the same location near the same dates each year.

Snow surveys are made monthly or semi-monthly from January 1 through June 1 in most states. There are about 1400 snow courses in Western United States and in the Columbia Basin in British Columbia. In the near future, it is anticipated that automatic snow water equivalent sensing devices along with radio telemetry will provide a continuous record of snow water equivalent at key locations.

Detailed data on snow course and soil moisture measurements are presented in state and local reports. Other data on reservoir storage, summaries of precipitation, current streamflow, and soil moisture conditions at valley elevations are also included. The report for Western United States presents a broad picture of water supply outlook conditions, including selected streamflow forecasts, summary of snow accumulation to date, and storage in larger reservoirs.

Snow survey and soil moisture data for the period of record are published by the Soil Conservation Service by states about every five years. Data for the current year is summarized in a West-wide basic data summary and published about October 1 of each year.

Listed below are water supply outlook reports based on Federal-State-Private Cooperative snow surveys. Those published by the Soil Conservation Service may be obtained from Soil Conservation Service, Room 507, Federal Building, 701 N. W. Glisan, Portland, Oregon 97209.

PUBLISHED BY SOIL CONSERVATION SERVICE

<u>REPORTS</u>	<u>ISSUED</u>	<u>LOCATION</u>	<u>COOPERATING WITH</u>
RIVER BASINS			
WESTERN UNITED STATES _____	MONTHLY (FEB.-MAY) _____	PORTLAND, OREGON _____	ALL COOPERATORS
BASIC DATA SUMMARY _____	OCTOBER 1 _____	PORTLAND, OREGON _____	ALL COOPERATORS
STATES			
ALASKA _____	MONTHLY (MAR.-MAY) _____	PALMER, ALASKA _____	ALASKA S.C.D.
ARIZONA _____	SEMI-MONTHLY (JAN.15 - APR.1) _____	PHOENIX, ARIZONA _____	SALT R. VALLEY WATER USERS ASSOC. ARIZ. AGR. EXP. STATION
COLORADO AND NEW MEXICO _____	MONTHLY (FEB.-MAY) _____	FORT COLLINS, COLORADO _____	COLO. STATE UNIVERSITY COLO. STATE ENGINEER N. MEX. STATE ENGINEER
IDAHO _____	MONTHLY (JAN.-JUNE) _____	BOISE, IDAHO _____	IDAHO STATE RECLAMATION ENGINEER
MONTANA _____	MONTHLY (JAN.-JUNE) _____	BOZEMAN, MONTANA _____	MONT. AGR. EXP. STATION
NEVADA _____	MONTHLY (JAN.-MAY) _____	RENO, NEVADA _____	NEVADA DEPT. OF CONSERVATION AND NATURAL RESOURCES DIVISION OF WATER RESOURCES
OREGON _____	MONTHLY (JAN.-JUNE) _____	PORTLAND, OREGON _____	OREG. STATE UNIVERSITY OREGON STATE ENGINEER
UTAH _____	MONTHLY (JAN.-JUNE) _____	SALT LAKE CITY, UTAH _____	UTAH STATE ENGINEER
WASHINGTON _____	MONTHLY (FEB.-JUNE) _____	SPOKANE, WASHINGTON _____	WN. STATE DEPT. OF CONSERVATION
WYOMING _____	MONTHLY (FEB.-JUNE) _____	CASPER, WYOMING _____	WYOMING STATE ENGINEER

PUBLISHED BY OTHER AGENCIES

<u>REPORTS</u>	<u>ISSUED</u>	<u>AGENCY</u>
BRITISH COLUMBIA _____	MONTHLY (FEB.-JUNE) _____	WATER RESOURCES SERVICE, DEPT. OF LANDS, FOREST AND WATER RESOURCES, PARLIAMENT BLDG., VICTORIA, B.C., CANADA
CALIFORNIA _____	MONTHLY (FEB.-MAY) _____	CALIF. DEPT. OF WATER RESOURCES, P.O. BOX 388, SACRAMENTO, CALIF.

WATER SUPPLY OUTLOOK
and
FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS
for
UTAH

MAY 1, 1966

Report prepared by
GREGORY L. PEARSON - PAUL KEIL
and
Patricia Paramore

SOIL CONSERVATION SERVICE
SNOW SURVEY SECTION
FEDERAL BLDG., ROOM 4012
SALT LAKE CITY UTAH 84111

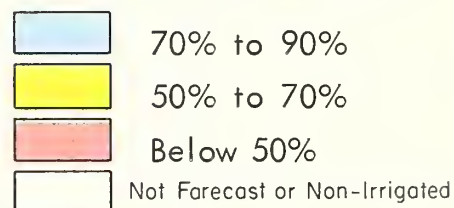
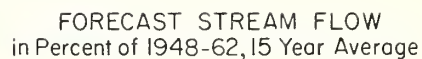
Issued by

HUBERT C. LAMBERT
STATE ENGINEER
STATE OF UTAH
SALT LAKE CITY, UTAH

J.A. LIBBY
STATE CONSERVATIONIST
SOIL CONSERVATION SERVICE
SALT LAKE CITY, UTAH

Based on Snow Surveys Made on UTAH and BEAR RIVER WATERSHEDS

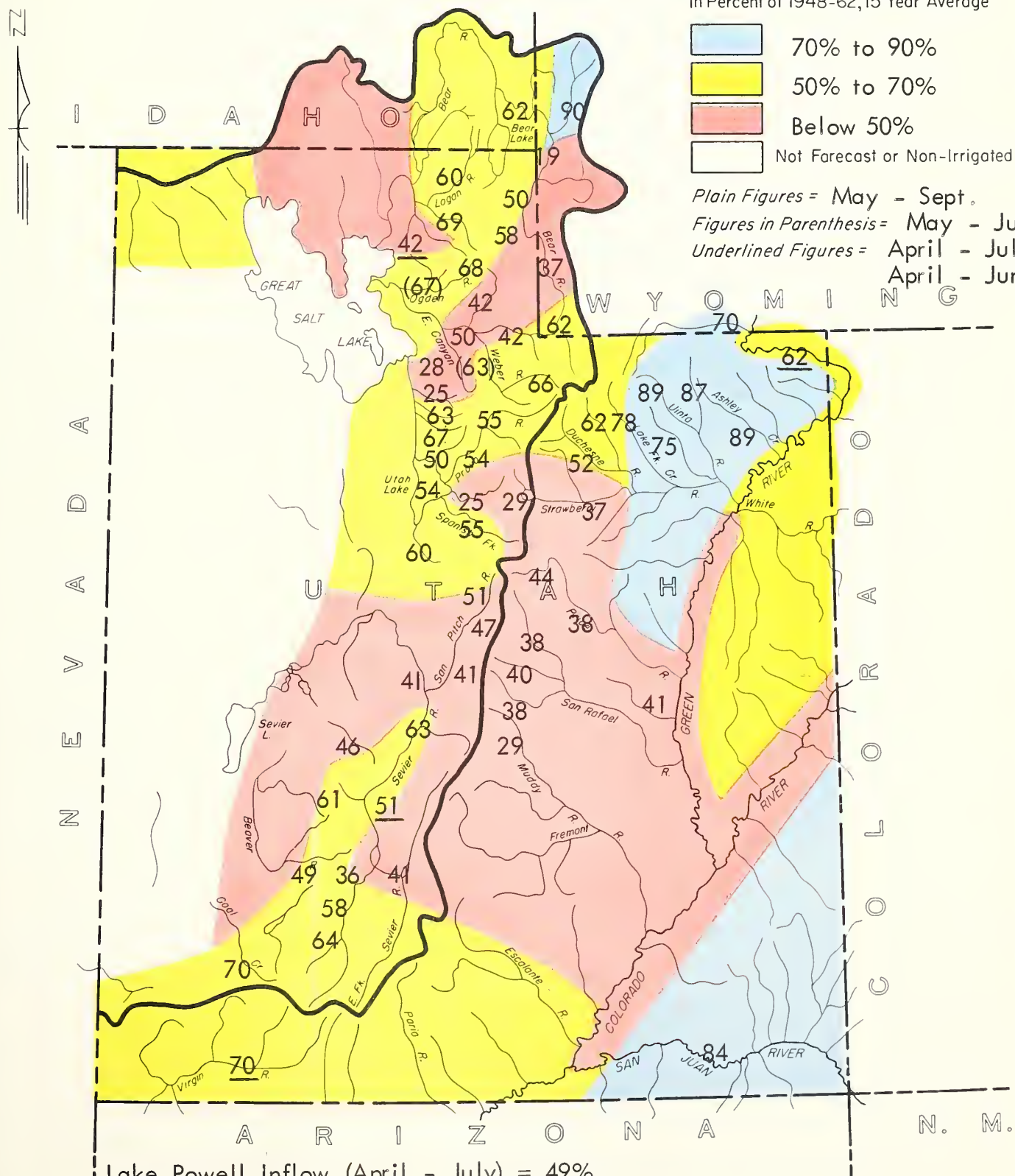
Approximate Date



Plain Figures = May - Sept.

Figures in Parenthesis = May - July

Underlined Figures = April - July or
April - June



Lake Powell Inflow (April - July) = 49%
Flaming Gorge Inflow (April - July) = 62%

WATER SUPPLY OUTLOOK

as of
MAY 4, 1966

* * * * *
* Water supplies this summer for those users who*
* are dependent on natural streamflow will be *
* very inadequate in most sections of the state.*
* The U.S. Geological Survey reports reservoir *
* storage in 14 principal reservoirs to be 129% *
* of the 1948-62 average. *
* * * * *

The dry trend which started last January continued on thru April, causing most streamflow prospects to drop another 5% to 30% since last month. Reservoir storage continues good to excellent and will generally furnish adequate supplies to those owning the water, but only with abnormally heavy drawdown of the reservoirs. Water for natural flow rights will be poor to very poor for most of the state, with streams expected to yield from about one fourth to two thirds of their usual amounts. The exceptions to this, where prospects are fair with streamflow forecasts varying from about 70% to 90% of average, include the eastern part of the Uintah Basin, east Carbon county, Grand and San Juan counties, and streams in the Cedar City, St. George, Kanab area.

Mountain precipitation during April generally varied between about 30% and 75% of average throughout most of the state, accounting for the decreased water outlook.

The area where the most severe shortages are expected to occur includes the tributaries of the San Rafael, Muddy and Fremont rivers in Emery and Wayne counties, tributaries of the San Pitch river in Sanpete county, and streams near Salina. All of these streams are expected to yield about the same or slightly less than they did in 1959 and 1961. These two years were the two lowest runoff years in this area since the drought of 1934. Streams near Fillmore and Beaver should produce about the same or slightly more water than they did in 1961, with flows among the lowest 4 or 5 years of the last 55 years of record. Forecasts for these streams range between about 30% and 50% of average.

Hobble Creek near Springville and Parleys Creek near Salt Lake are forecast at 25% of average flow, which will be a little more than in 1961, but less than 1959.

WATER SUPPLY OUTLOOK (continued)

Flow of the following listed streams, while not as critically low as in 1961, is still very poor. Forecasts on these streams ranges between about 35% to 65% of average; Logan, Little Bear, upper Bear, Weber, Provo, Duchesne, and Strawberry rivers, streams flowing into Utah Lake and Jordan river(except Hobble Creek and Parley's Creek as noted above), main stem stations on the Sevier river, streams near Tooele and Farmington, East Canyon Creek near Morgan, Lost Creek near Croydon, Bear river tributaries in Rich county.

On the Colorado river, streamflow prospects have also dropped this month. The present April-July forecast for inflow to Lake Powell is 3,750,000 acre feet or 49% of the 1948-62 (15-year) average. Inflow to Flaming Gorge on the Green river is forecast at 695,000 acre feet for the April-July period, or 62% of the 15 year average.

UTAH STREAMFLOW FORECASTS " (1,000 Ac. Ft.)

FORECAST POINT	FORECAST THIS YEAR	FORECAST PERIOD	LAST YEAR	AVERAGE ^b	THIS YEAR AS PERCENT OF AVERAGE
GREAT BASIN					
<u>BEAR RIVER SYSTEM</u>					
Bear at Harer, Idaho	125	May-Sept	433	202	62
Bear nr Randolph	13	May-Sept	194	69	19
Bear nr Ut-Wyo State Line	68	May-Sept	190	109	62
Bear nr Woodruff	35	May-Sept	210	94	37
Big Crk nr Randolph, Utah	3.7	May-Sept	11.7	7.4*	50
Blacksmith Fork nr Hyrum (4)	33	May-Sept	63	48	69
Little Bear nr Paradise	16	Apr-June	38	38	42
Logan nr Logan (3)	70	May-Sept	166	117	60
Smith's Fork nr Border, Wyoming	85	May-Sept	153	101	84
Woodruff Crk nr Woodruff, Utah	8.5	May-Sept	23.0	14.6*	58
<u>WEBER-OGDEN RIVERS</u>					
Chalk Crk at Coalville	12	May-Sept	59	28.9	42
East Canyon Crk nr Morgan (7)	4.5	May-Sept	32	16.0	28
Lost Crk nr Croydon, Utah	5.5	May-Sept	22.5	13.2	42
Pineview Reservoir Inflow (8)	48	May-July	100	72	67
So Fork Ogden nr Huntsville	30	May-Sept	66	44	68
Rockport Reservoir Inflow (5)	62	May-July		99 *	63
Weber nr Coalville (6)	54	May-Sept	198	107	50
Weber nr Oakley	56	May-June	119	89	63
	75	May-Sept	179	113	66
<u>PROVO RIVER & UTAH LAKE</u>					
American Fork nr American Fork	15	May-Sept	40	29.7	50
Hobble Crk nr Springville	3.7	May-Sept	22.4	14.6	25
Payson Creek nr Payson	3.6	May-Sept	- -	6.0	60
Provo nr Hailstone (10)	52	May-Sept	156	95 *	55
Provo at Vivian Park (11)	63	May-Sept	- -	117	54
Spanish Fork at Thistle	17	May-Sept	41	31	55
Strawberry Reservoir Inflow (9)	11	May-Sept	69	38	29
Utah Lake Inflow	110	May-Sept	300	205	54
<u>JORDAN RIVER & SALT LAKE</u>					
Big Cottonwood nr SLC	22	May-Sept	44	35	63
Little Cottonwood Crk nr SLC	24	May-Sept	53	36	67
Parley's Crk nr SLC	2.5	May-Sept	19.3	10.0	25

(1) Measured flow plus change in storage in Woodruff Narrows Reservoir. (2) Measured flow plus change in storage in Porcupine Reservoir. (3) Includes U.P. & L. Co. tailrace and Logan, Hyde Park & Smithfield Canal. (4) Above Utah Power & Light Company's dam. (5) Observed flow Weber River near Wanship, Utah, plus change in storage in Wanship Reservoir, plus diversion by Weber-Provo Canal. (6) Includes diversion by Weber-Provo Canal and change in storage in Wanship Reservoir. (7) Observed flow plus change in storage in East Canyon Reservoir. (8) Inflow record as computed by U.S. Bureau of Reclamation. (9) Change in storage plus diversion thru Strawberry tunnel. (10) Observed flow minus diversions thru Duchesne tunnel and Weber-Provo Canal. (11) Observed flow plus change in storage in Deer Creek reservoir, minus diversions thru Duchesne tunnel & Weber-Provo Canal, plus diversion thru Salt Lake Aqueduct.

UTAH STREAMFLOW FORECASTS^a (1,000 Ac. Ft.)

FORECAST POINT	FORECAST THIS YEAR	FORECAST PERIOD	LAST YEAR	AVERAGE ^b	THIS YEAR AS PERCENT OF AVERAGE
<u>SEVIER RIVER</u>					
Chalk Creek nr Fillmore	6	May-Sept	18.2	13.0	46
Clear Crk nr Sevier (abv. diversion)	6	May-June	13.2	9.9*	61
East Fork Sevier nr Kingston (12)	1	May-June	16.8	8.0	12
	5	May-Sept	20.3	12.3	41
Inflow					
Kingston to Vermillion Dam	20	Apr-June	- -	39	51
Vermillion Dam to Gunnison	37	Mar-June	- -	59	63
Salina Crk at Salina (14)	0.2	May-June	18.2	6.8*	3
Sevier nr Circleville	19	May-Sept	49	33 *	58
Sevier nr Gunnison a	17	May-Sept	58	41	41
Sevier at Hatch	16	May-June	40	25.8	62
	25	May-Sept	59	39	64
Sevier nr Kingston	5	May-June	22.3	13.5	37
	6.5	May-Sept	31.3	18.1	36
Sevier below Piute Dam (13)	12	May-Sept	45	30	40
<u>SAN PITCH RIVER</u>					
Ephraim Creek nr Ephraim	6	May-Sept	- -	14.5	41
Pleasant Crk nr Mt. Pleasant	4.5	May-Sept	11.4	8.8 *	51
Twin Crk nr Mt. Pleasant	2	May-Sept	6.3	4.3 *	47
<u>BEAVER RIVER</u>					
Beaver nr Beaver	8	May-June	14.7	16.1	50
	11	May-Sept	26.5	22.3	49
Rockyford Reservoir Inflow (15)	1.5	May-June	3.8	6.7	22
<u>COAL CREEK</u>					
Coal Crk nr Cedar City	9	May-Sept	24.8	12.8	70
COLORADO RIVER BASIN					
GREEN RIVER TRIBUTARIES IN UTAH					
<u>FLAMING GORGE TO DUCHESNE RIVER</u>					
Ashley Creek nr Vernal	47	May-Sept	80	53	89
Henry's Fork at Linwood	20	May-Sept	--	28.5	70

(12) Observed flow plus change in storage in Otter Creek Reservoir. (13) Observed flow plus change in storage in Otter Crk & Piute Reservoirs. (14) Gage is below diversions near Salina. (15) Observed flow at Rockyford Dam, corrected for change in storage in Rockyford Reservoir. (16) Observed flow plus diversion through Duchesne Tunnel.

UTAH STREAMFLOW FORECASTS ^a (1,000 Ac. Ft.)

FORECAST POINT	FORECAST THIS YEAR	FORECAST PERIOD	LAST YEAR	AVERAGE ^b	THIS YEAR AS PERCENT OF AVERAGE
<u>DUCHESNE RIVER</u>					
Duchesne at Provo River (Trail nr Hanna)	22	May-Sept	- -	33 *	67
Duchesne nr Tabiona (16)	54	May-Sept	173	104	52
Lakefork below Moon Lake (17)	53	May-Sept	124	68	78
Rock Crk nr Mtn. Home	61	May-Sept	159	98	62
Strawberry at Duchesne	22	May-Sept	103	59	37
Uinta nr Neola	80	May-Sept	196	90	89
Whiterocks nr Whiterocks	53	May-Sept	99	61	87
Yellowstone nr Altonah	52	May-Sept	133	69	75
<u>PRICE RIVER</u>					
Gooseberry Crk. nr Scofield	4.5	May-Sept	14.5	10.9	41
Price nr Heiner (18)	20	May-Sept	107	53	38
Scofield Reservoir Inflow (18)	14	May-Sept	53	32	44
<u>SAN RAFAEL RIVER</u>					
Cottonwood Crk nr Orangeville	21	May-Sept	93	52	40
Ferron Crk nr Ferron	15	May-Sept	61	39	38
Huntington Crk nr Huntington	20	May-Sept	82	52	38
<u>MUDDY RIVER</u>					
Muddy Creek nr Emery	6	May-Sept	30	20.5 *	29
<u>VIRGIN RIVER</u>					
Virgin nr Virgin	30	Apr-June	63	43	70
<u>UPPER COLORADO BASIN</u>					
Colorado nr Cisco, Utah	1490	May-Sept	4855	3291	45
Flaming Gorge Inflow (19)	695	Apr-July	1251	1129	62
Lake Powell Inflow (8)	3750	Apr-July	11810	7692	49
Green at Green River, Utah (19)	1200	May-Sept	4595	2899	41
San Juan nr Bluff, Utah (20)	805	May-Sept	1782	963	84

(17) Observed flow plus change in storage in Moon Lake Reservoir. (18) Observed flow plus change in storage in Scofield Reservoir. (19) Observed flow plus change in storage in Flaming Gorge, Fontenelle and Big Sandy Reservoirs. (20) Observed flow plus change in storage in Navajo Reservoir. (21) Observed flow at Lee's Ferry plus change in storage in Flaming Gorge, Navajo, Lake Powell, Fontenelle and Big Sandy.

GENERAL FOOTNOTES

(a) Runoff forecasts are based principally on mountain snow cover and on the assumption that precipitation and temperature will be near average from the present time to the end of the forecast period. Appreciable deviations from normal of temperature and/or precipitation will correspondingly modify these forecasts. The discharge data is taken from preliminary records of the U.S. Geological Survey. (b) 1948-62, 15 year period. *Partly estimated.

RESERVOIR STORAGE (1,000 Ac. Ft.)

BASIN or STREAM	RESERVOIR	USABLE CAPACITY	MEASURED (FIRST OF MONTH)		
			THIS YEAR	LAST YEAR	AVERAGE ^a
GREAT BASIN					
<u>Bear River</u>	Bear Lake	1421.0	1239.0	1016.8	938.5
	Woodruff Narrows	26.5	27.4	18.0	- -
<u>Beaver River</u>	Rocky Ford	23.3	15.1	9.2	13.7
<u>Little Bear</u>	Hyrum	15.3	15.6	16.0	14.4
	Porcupine	11.3	11.3	11.3	- -
<u>Ogden</u>	Causey	7.1	7.0	- -	- -
	Pineview	110.0	94.4	97.4	33.6
<u>Provo</u>	Deer Creek	149.7	122.1	95.3	104.7
<u>Sevier River</u>	Otter Creek	52.5	37.9	24.4	37.4
	Piute	74.0	53.2	20.2	43.8
	Sevier Bridge	236.1	107.0	57.3	126.5
<u>Spanish Fork</u>	Strawberry	270.0	133.3	76.9	149.3
<u>Utah Lake</u>	Utah Lake (b)	1149.0	771.8	542.3	650.3
<u>Weber</u>	East Canyon	48.1	10.8	2.9	21.1
	Echo	73.9	72.0	46.1	51.1
	Rockport	60.9	55.8	37.6	- -
	Willard Bay	195.0	163.0	145.8	- -

COLORADO RIVER DRAINAGE

<u>Ashley Creek</u>	Steinaker	33.3	24.6	18.0	- -
<u>Colorado</u>	Lake Powell	27,000.0*	9062.0	6171.0	- -
<u>Green</u>	Flaming Gorge	3,789.0*	2468.6	584.6	- -
<u>Lake Fork</u>	Moon Lake	35.8	31.2	14.3	16.4
<u>Price River</u>	Scofield	65.8	63.0	19.5	25.4
<u>San Juan</u>	Navajo	1,709.0*	258.6	388.4	- -

All data contained in this table supplied by the U.S. Geological Survey.

(a) 1948-62 average. (b) Active capacity taken at 3.1 feet above compromise point. (c) Partly estimated.

(d) Total capacity reported.

SNOW

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
			DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches)	
NAME	NO.	ELEVATION				LAST YEAR	AVERAGE ^a

GREAT BASIN DRAINAGE

UPPER BEAR RIVER
(Above Harer, Idaho)

Big Park	10G11	8700	4/28	45	15.5	30.7	20.0*
Burts-Miller Ranch	10J6	7900	4/26	0	0.0	4.7	0.0*
CCC Camp x	10G7	7500	4/28	9	3.1	8.7	4.6*
Hayden Fork	10J7	9300	4/26	16	6.6	22.8	17.7*
Kelly Ranger Station	10G12	8200	4/28	33	12.5	28.6	15.9*
Monte Cristo R.S.	11H12	8960	4/27	41	17.7	32.6	26.2*
Piney LaBarge x	10G10	8820	4/30	24	10.4	25.0	18.5
Poison Meadows x	10G6	8500	4/30	54	20.3	41.8	30.9*
Salt River Summit x	10G8	7900	4/28	20	7.4	17.8	9.8*
Stillwater Camp	10J17	8550	4/26	0	0.0	13.9	7.5*
Trial Lake x	10J8	9800	4/29	44	19.2	38.8	30.9*

LOWER BEAR RIVER
(Below Harer, Idaho)

Beaver Crk-Skunk Crk.	11H14	7150	4/27	0	0.0	5.4	3.4*
Dry Bread Pond x	11H13	8230	4/27	18	7.0	19.2	13.5*
Emigrant Summit	11G6	7700	4/29	27	12.8	33.0	- -
Garden City Summit	11H7	7600	4/29	26	10.6	22.7	14.5*
Klondike Narrows	11H1	7400	4/29	0	0.0	21.8	13.9*
Little Bear (lower)	11H26	6100	4/28	0	0.0	0.0	Trace*
Little Bear (upper)	11H25	6850	4/28	0	0.0	0.0	1.3*
Monte Cristo R.S.	11H12	8960	4/27	41	17.7	32.6	26.2*
Oxford Mountain	12G3	6800	No Report				1.4*
Steep Hollow #1	11H27	8500	4/29	54	25.6	51.6	38.5*
Steep Hollow #2	11H28	7700	4/29	16	6.6	34.6	22.5*
Strawberry Creek	11G9	5800	4/27	0	0.0	0.0	1.3*
Strawberry Mink Divide	11G10	6800	4/27	11	4.0	23.3	13.3*
Tony Grove R.S.	11H3	6250	4/29	0	0.0	0.0	0.6*
Willow Flat	11G4	6100	4/28	0	0.0	6.4	2.4*

OGDEN RIVER

Beaver Crk-Skunk Crk.	11H14	7150	4/27	0	0.0	5.4	3.4*
Ben Lomond (lower)	11H9	5850	4/28	0	0.0	1.6	3.6*
Ben Lomond Peak	11H8	8000	4/28	44	20.0	40.9	32.3*
Ben Lomond Trail	11H30	6000	4/28	0	0.0	4.7	- -
Cutler Creek	11H29	6780	4/28	25	11.0	26.8	- -
Dry Bread Pond	11H13	8230	4/27	18	7.0	19.2	13.5*
Horse Ridge	11H21	8260	4/26	15	6.4	26.2	- -
Monte Cristo R.S.	11H12	8960	4/27	41	17.7	32.6	26.2*
Sagebrush Flat	11H15	6300	4/27	0	0.0	0.0	0.0*

(a) 1948-62, 15 year period. (b) Average of all past record. (x) Adjacent drainage. (A) Aerial observation; Water content estimated. * Estimated 1948-62, 15 year average.

SNOW

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
			DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches)	
NAME	NO.	ELEVATION				LAST YEAR	AVERAGE ^a

WEBER RIVER

Beaver Creek R.S.	11J24	7500	4/29	0	0.0	1.6	1.5*
Chalk Creek #1	11J1	9100	4/28	40	17.8	33.6	25.5*
Chalk Creek #2	11J2	8000	4/28	16	6.6	19.1	12.3*
Chalk Creek #3	11J3	7500	4/28	0	0.0	3.4	1.7*
Farmington Canyon(lower)	11J12	6950	4/29	18	8.2	16.6	21.2*
Farmington Canyon(upper)	11J11	8000	4/29	45	20.4	35.6	30.4*
Horse Ridge	11H21	8260	4/26	15	6.4	26.2	- -
Kilfore Creek	11H31	7300	4/26	6	2.5	10.2	- -
Lamb's Canyon x	11J14	6600	4/28	0	0.0	7.6	6.5*
Lost Creek Reservoir	11H32	6125	4/26	0	0.0	0.0	- -
Parley's Canyon Smt.	11J15	7500	4/28	0	0.0	15.4	11.5*
Redden Mine(lower)	11J6	8500	4/29	18	8.2	22.2	16.8*
Redden Mine(upper)	11J5	9000	4/29	20	9.2	25.9	18.9*
Silver Lake x	11J16	8725	4/28	38	17.2	31.4	26.8*
Smith & Morehouse	11J4	7600	4/29	0	0.0	16.3	5.9*
Trial Lake x	10J8	9800	4/29	44	19.2	38.8	30.9*

PROVO RIVER & UTAH LAKE

Camp Altamont	11J20	7300	4/28	0	0.0	6.5	6.5*
Clear Creek Ridge #1	11K21	9200	4/27	15	6.6	24.4	16.2*
Clear Creek Ridge #2	11K22	8000	4/27	2	0.8	14.2	8.0*
Clear Creek Ridge #3	11K23	6600	4/27	0	0.0	0.0	0.1*
Daniels-Strawberry Smt.	11J23	8000	4/27	0	0.0	9.6	8.4*
Dutchman R.S.	11J17	7500	4/28	0	0.0	11.5	9.5*
Hobble Creek Summit	11J22	7300	4/26	0	0.0	8.3	6.1*
Packard Canyon	11J31	6400	4/26	0	0.0	0.0	1.0*
Payson R.S.	11K1	8050	4/26	9	3.9	17.2	13.2*
Rock Bridge	11K2	6750	4/26	0	0.0	0.5	4.6*
Soapstone R.S.	11J25	7800	4/29	0	0.0	14.1	5.5*
Timpanogos Divide	11J21	8140	4/28	25	13.4	24.3	18.4
Trial Lake	10J8	9800	4/29	44	19.2	38.8	30.9*

JORDAN RIVER & TOOELE VALLEY

Bevan's Cabin	12J2	6450	4/29	0	0.0	Trace	2.3*
Lamb's Canyon	11J14	6600	4/28	0	0.0	7.6	6.5*
Middle Canyon-Tooele	12J3	7000	4/29	0	0.0	7.2	7.4*
Mill D South Fork	11J10	7400	4/28	0	0.0	19.9	13.1*
Parley's Canyon Smt. x	11J15	7500	4/28	0	0.0	15.4	11.5*
Rocky Basin-Setlmt. Canyon	12J1	8900	4/29	33	14.0	35.8	27.2*
Silver Lake	11J16	8725	4/28	38	17.2	31.4	26.8*

(a) 1948-62, 15 year period. (b) Average of all past record. (x) Adjacent drainage. (A) Aerial observation. Water content estimated. * Estimated 1948-62, 15 year average.

SNOW

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
			DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches)	
NAME	NO.	ELEVATION				LAST YEAR	AVERAGE ^a

UPPER SEVIER RIVER
(South of Richfield, Utah)

Big Flat x	12L7	10290	4/25	38	12.5	24.1	20.2*
Box Creek	12L4	9800	4/28	0	0.0	16.8	11.5*
Castle Valley	12M13	9700	4/27	0	0.0	15.3	7.0*
Cedar Breaks	12M1	10390	4/25	38	18.2	29.3	19.2*
Duck Creek R.S.	12M4	8560	4/29	0	0.0	15.2	5.2*
Fish Lake	11L3	8700	4/28	0	0.0	5.0	3.0*
Harris Flat	12M5	7700	4/29	0	0.0	6.4	0.3*
Kimberly Mine	12L6	8900	4/25	17	7.0	17.6	13.5*
Midway Valley	12M2	9800	4/26	41	19.5	29.0	21.4*
Panguitch Lake	12M7	8200	4/27	0	0.0	1.0	0.0*
Squaw Springs	12L5	9300	4/28	0	0.0	6.2	2.9*
Widtsoe-Escalante Smt.	11M1	9500	4/29	0	0.0	12.2	2.5*
Widtsoe-Escalante #2	11M2	9500	4/29	1	0.4	12.5	6.3*
Widtsoe-Escalante #3	11M3	9500	4/29	1	0.5	16.4	10.0*

LOWER SEVIER RIVER
(Including San Pitch River)

Beaver Dams	11K13	8000	4/26	0	0.0	8.8	6.7*
Farnsworth Lake	11L1	9900	4/28	29	10.7	28.7	19.8*
G.B.R.C. Headquarters	11K11	8700	4/29	8	2.6	20.9	14.7*
G.B.R.C. Meadows	11K10	10000	4/29	35	15.5	35.9	28.5*
Gooseberry R.S.	11L2	8400	4/28	0	0.0	14.8	7.3*
Gooseberry Reservoir x	11K4	8700	4/27	17	6.8	23.1	17.9*
Mammoth R.S.-Ctnwood, Crk.	11K3	8800	4/27	15	6.2	23.5	18.8*
Mt. Baldy R.S.	11K12	9500	4/26	30	12.9	33.2	24.8*
Pickle Keg Springs	11K39	9600	4/25	6	2.2	17.5	- -
Pine Creek	12L1	8700	4/29	0	0.0	15.0	12.2*
Salina Creek(lower)	11L8	7250	4/25	0	0.0	0.0	- -
Shingle Mill	12L11	6200	4/28	0	0.0	0.0	1.1*
White Gate	11L7	9350	4/25	0	0.0	10.1	- -

BEAVER RIVER

Big Flat	12L7	10000	4/25	38	12.5	24.1	20.2*
Merchant's Valley	12L9	8200	4/25	0	0.0	7.2	3.5*
Otter Lake	12L8	9300	4/25	21	7.9	18.2	14.5*

PAROWAN CREEK

Birch Crossing	12M16	8100	4/25	0	0.0	6.0	- -
Brian Head	12M14	10400	4/25	37	15.8	29.9	- -
Ed Ward Flat	12M12	8300	4/25	0	0.0	8.9	1.4*
Tall Poles	12M15	8800	4/25	10	4.2	20.9	- -
Yankee Reservoir	12M11	8700	4/25	2	0.6	14.1	5.6*

COAL CREEK

CSU Ranch		8200	4/26	0	0.0	- -	- -
Cedar Breaks	12M1	10390	4/25	38	18.2	29.3	19.2*
Midway Valley x	12M2	9800	4/26	41	19.5	29.0	21.4*

(a) 1948-62, 15 year period. (b) Average of all past record. (x) Adjacent drainage. (A) Aerial observation. Water content estimated. * Estimated 1948-62, 15 year average.

SNOW

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
			DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches)	
NAME	NO.	ELEVATION				LAST YEAR	AVERAGE ^a

COAL CREEK - Continued

Urie Flat	12M10	8450	4/26	0	0.0	7.8	0.8*
Webster Flat	12M3	9200	4/26	10	4.7	20.8	9.5*

COLORADO RIVER DRAINAGE

UPPER GREEN RIVER IN UTAH(Tributaries above Flaming Gorge)

Black's Fork Jct.	10J22	8925	4/25	4	1.4	14.9	- -
Buck Pasture A	10J23	9700	Delayed Report				- -
Burnt Creek	9J14	7900	No Report				- -
East Fk. Black's Fork G.S.	10J21	9300	4/25	12	5.2	15.8	- -
Henry's Fork A	10J24	10200	Delayed Report				- -
Hewinta Guard Station/	10J4	9500	4/25	12	5.2	14.3	12.1*
Hickerson Park	9J8	9100	4/25	0	0.0	5.7	- -
Spirit Lake	9J7	10300	4/25	23	9.5	17.9	- -
Steel Creek Park	10J20	9900	4/25	42	13.7	25.4	- -

GREEN RIVER TRIBUTARIES BETWEEN
FLAMING GORGE & DUCHESNE RIVER

Ashley Twin Lakes A	9J11	10500	Delayed Report				- -
Grizzly Ridge	9J13	8500	No Report				- -
Kings Cabin(lower)	9J2	8600	4/25	9	3.3	11.8	5.5*
Kings Cabin(upper)	9J1	8730	4/25	20	6.4	14.3	7.9*
Reynolds Park A	9J10	10400	Delayed Report				- -
Windy Park A	9J12	9400	Delayed Report				- -

DUCHESNE RIVER

Atwood Basin A	10J27	10250	Delayed Report				- -
Chepeta-Whiterocks Lks.A	9J9	10300	Delayed Report				- -
Daniels-Strawberry Smt.x	11J23	8000	4/28	0	0.0	9.6	8.4*
Five point Lake A	10J26	11000	Delayed Report				- -
Indian Canyon	10K1	9100	4/27	11	4.2	21.4	8.4*
Julius Park	9J6	9800	4/27	24	8.9	17.0	13.9*
Lakefork Basin A	10J25	11100	Delayed Report				- -
Lakefork Mountain	10J10	10500	4/28	18	7.0	17.6	12.0*
Lakefork Mountain #2	10J11	8900	4/28	0	0.0	10.1	2.6*
Lakefork Mountain #3	10J12	8100	4/28	0	0.0	5.1	0.3*
Mosby Mountain	9J5	9500	4/27	20	6.9	13.6	10.1*
Paradise Park	9J3	10100	4/27	27	9.8	15.9	13.0*
Soapstone R.S. x	11J25	7800	4/29	0	0.0	14.1	5.5*
Trial Lake x	10J8	9800	4/29	44	19.2	38.8	30.9*
White River #1 x	10K2	8600	4/28	0	0.0	16.6	10.5*

PRICE RIVER

Corral	10K5	8200	4/29	0	0.0	11.2	- -
Dry Valley Divide	11K8	7800	4/28	0	0.0	8.0	4.5*
Gooseberry Reservoir	11K4	8700	4/27	17	6.8	23.1	17.9*
Grassy Trail Crk-Left Fk.	10K3	7970	4/29	0	0.0	10.2	- -
Indian Canyon x	10K1	9100	4/27	11	4.2	21.4	8.4*

(a) 1948-62, 15 year period. (b) Average of all past record. (x) Adjacent drainage. (A) Aerial observation: Water content estimated. * Estimated 1948-62, 15 year average.

SNOW

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
			DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches)	
NAME	NO.	ELEVATION				LAST YEAR	AVERAGE ^a

PRICE RIVER - Continued

Mammoth R.S.-Ctnwd. Crk.	11K3	8800	4/27	15	6.2	23.5	18.8*
Mud Creek #2	11K33	8300	4/28	0	0.0	18.1	7.1*
Timberline	10K6	9100	Road washed out			22.1	11.5*
White River #1	10K2	8600	4/28	0	0.0	16.6	10.5*
White River #2	11K24	7600	4/28	0	0.0	2.6	1.2*

SAN RAFAEL RIVER

Buck Flat	11K31	9400	4/26	12	5.0	24.4	16.5*
Gooseberry Reservoir	11K4	8700	4/27	17	6.8	23.1	17.9*
Mammoth R.S.-Ctnwd. Crk. x	11K3	8800	4/27	15	6.2	23.5	18.8*
Red Pine Ridge	11K28	9400	4/25	11	4.0	24.5	14.2*
Rush Pond	11K38	9800	4/26	8	2.6	21.4	12.0*
Seely Creek R.S.	11K9	10000	4/29	24	9.7	24.1	16.1*
Stuart R.S.	11K27	7950	4/27	0	0.0	0.0	1.3*
Switchback	11K26	8600	4/27	4	1.3	13.0	13.1*
Upper Joe's Valley	11K29	8800	4/25	0	0.0	12.1	4.4*
Wrigley Creek	11K32	9000	4/26	1	0.5	15.4	6.5*

MUDDY RIVER

Mt. Baldy R.S. x	11K12	9500	4/26	30	12.9	33.2	24.8*
------------------	-------	------	------	----	------	------	-------

FREMONT RIVER

Black's Flat-U.M. Crk.	11L4	9250	4/28	0	0.0	12.5	8.0*
Farnsworth Lake x	11L1	9900	4/28	29	10.7	28.7	19.8*
Fish Lake	11L3	8700	4/28	0	0.0	5.0	3.0*
Johnson Valley	11L6	8850	4/28	0	0.0	5.7	3.3*

ESCALANTE RIVER

Widtsoe-Escalante Smt.	11M1	9500	4/29	0	0.0	12.2	2.5*
Widtsoe-Escalante #2	11M2	9500	4/29	1	0.4	12.5	6.3*
Widtsoe-Escalante #3	11M3	9500	4/29	1	0.5	16.4	10.0*

VIRGIN RIVER

Cedar Breaks x	12M1	10390	4/25	38	18.2	29.3	19.2*
Duck Creek R.S.	12M4	8560	4/29	0	0.0	15.2	5.2*
Harris Flat	12M5	7700	4/29	0	0.0	6.4	0.3*
Midway Valley x	12M2	9800	4/26	41	19.5	29.0	21.4*
Webster Flat	12M3	9200	4/26	10	4.7	20.8	9.5*

SOUTHEASTERN UTAH DRAINAGES

Buckboard Flat	9M1	9000	4/25	7	2.7	14.8	6.2*
Camp Jackson	9M2	8600	4/26	1	0.4	13.0	3.1*
LaSal Mountain	9L1	8800	4/25	0	0.0	3.0	2.3*
LaSal Mountain(upper)	9L2	9600	4/25	29	12.4	14.5	14.3*

(a) 1948-62, 15 year period. (b) Average of all past record. (x) Adjacent drainage. (A) Aerial observation: Water content estimated. * Estimated 1948-62, 15 year average.

PRECIPITATION DATA (Inches)

DRAINAGE BASIN AND RAIN GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. 10/1 TO DATE		
		DATE OF READING	MONTH'S PRECIPITATION	1948 - 62 AVERAGE	THIS YEAR	1948 - 62 AVERAGE	PERCENT OF AVERAGE

GREAT BASIN DRAINAGE

UPPER BEAR RIVER (Above Harer, Idaho)

				a		a	
Burts-Miller Ranch	7900	4/26	1.73		9.13	- -	
Chalk Creek #1*	9100	4/28	2.84		21.54	- -	
Chalk Creek #2*	8000	4/28	2.43	2.15	15.72	18.95	83
Chalk Creek #3*	7500	4/28	2.18	- -	12.95	- -	- -
Hayden Fork	9300	4/26	2.14	- -	17.73	- -	- -
Monte Cristo #2	8960	4/27	2.67	4.65	26.17	33.15	79
Salt River Summit	7900	4/28	1.00	2.50	12.80	20.50	62
Stillwater Camp	8550	4/26	1.68	1.65	11.47	14.65	78
Trial Lake*	9800	4/29	2.33	3.40	21.71	27.20	80

LOWER BEAR RIVER (below Harer, Idaho)

Dry Bread Pond	8230	4/27	2.07	3.05	22.09	25.05	88
Garden City Summit	7600	4/29	1.99	2.40	17.47	21.60	81
Klondike Narrows	7400	4/29	1.96	3.25	22.22	26.70	83
Little Bear (upper)	6850	4/28	2.23	2.60	20.30	22.10	92
Monte Cristo #2	8960	4/27	2.67	4.65	26.17	33.15	79
Tony Grove R.S. (SCS)	6250	4/29	1.56	- -	16.96	- -	- -
Willow Flat	6100	4/28	2.05	3.95	20.65	27.70	75

OGDEN RIVER

Ben Lomond (lower)	5850	4/28	2.47	3.25	26.12	29.25	89
Ben Lomond Trail	6000	4/28	2.56	3.40	27.46	30.70	89
Causey Dam	5500	4/27	1.38	- -	13.27	- -	- -
Dry Bread Pond	8230	4/27	2.07	3.05	22.09	25.05	88
Horse Ridge	8260	4/26	2.00	- -	20.49	- -	- -
Monte Cristo #2*	8960	4/27	2.67	4.65	26.17	33.15	79
Sagebrush Flat	6300	4/27	1.65	2.25	14.14	16.85	84

WEBER RIVER

Chalk Creek #1	9100	4/28	2.84	- -	21.54	- -	- -
Chalk Creek #2	8000	4/28	2.43	2.15	15.72	18.95	83
Chalk Creek #3	7500	4/28	2.18	- -	12.95	- -	- -
Farmington Guard Sta. (1)	7500	4/29	2.54	4.75	26.26	34.40	76
Farmington Rice (1)	7000	4/29	2.31	4.62a	23.39	31.99a	73
Horse Ridge	8260	4/26	2.00	- -	20.49	- -	- -
Lost Creek Reservoir	6125	4/26	1.02	- -	10.87	- -	- -
Mt. Dell Dam (2)*	5500	4/30	2.26	2.33a	13.59	15.64a	87
Parley's Canyon Smt.	7500	4/28	2.78	2.80	18.59	24.30	76
Redden Mine (upper)	9000	4/29	3.07	- -	23.57	- -	- -
Silver Lake (Brighton) (2)*	8725	4/30	2.47	3.68a	24.81	32.99a	75
Smith & Morehouse	7600	4/28	2.57	2.70	17.66	21.20	83
Trial Lake*	9800	4/29	2.33	3.40	21.71	27.20	80

(1) Data supplied by U.S. Forest Service. (2) Data supplied by U.S. Weather Bureau. a - all values estimated except those where symbol "a" occurs. *Adjacent drainage.

PRECIPITATION DATA (Inches)

DRAINAGE BASIN AND RAIN GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. 10/1 TO DATE		
		DATE OF READING	MONTH'S PRECIPITATION	1948 - 62 AVERAGE	THIS YEAR	1948 - 62 AVERAGE	PERCENT OF AVERAGE

PROVO RIVER & UTAH LAKE

Clear Creek Ridge #2	8000	4/27	1.07	2.50	13.20	19.00	69
Daniels-Strawberry Smt.	8000	4/27	0.60	2.40	16.08	21.20	76
Dutchman R.S.	7500	4/28	1.35	2.70	18.85	29.45	64
East Portal Ridge	7800	4/30	1.00	- -	15.85	- -	- -
Hobble Creek Smt.	7300	4/26	0.62	2.40	14.05	20.20	70
Payson R.S.	8050	4/26	2.48	3.30	18.39	20.90	88
Soapstone R.S.	7800	4/29	1.60	2.20	14.22	18.70	76
Strawberry Res.-E. Portal	7606	4/30	0.70	1.37a	9.87	11.96a	83
Timpanogos Divide	8200	4/28	1.35	2.70a	25.43	29.45a	86
Trial Lake	9800	4/29	2.33	3.40	21.71	27.20	80

JORDAN RIVER & TOOELE VALLEY

Middle Canyon	7000	4/29	2.78	3.50	16.84	20.30	83
Mt. Dell Dam (2)	5500	4/30	2.26	2.33a	13.59	15.64a	87
Parley's Canyon Smt.	7500	4/28	2.78	2.80	18.59	24.30	76
Silver Lake(Brighton)(2)	8725	4/30	2.47	3.68a	24.81	32.99a	75

SEVIER RIVER ABOVE RICHFIELD

Big Flat*	10290	4/25	0.99	3.15	15.26	21.85	70
Box Creek	9800	4/28	0.83	1.90	11.78	15.40	76
Castle Valley	9700	4/27	1.00	2.40	17.42	19.20	91
Cedar Breaks	10390	4/25	1.80	3.15	22.09	25.15	88
Duck Creek R.S.	8560	4/29	0.90	2.90	22.08	22.40	99
Fish Lake	8700	4/28	0.66	1.53	8.10	8.96	90
Kimberly Mine	8900	4/25	1.87	2.85	17.47	21.40	82
Panguitch Lake	8200	4/27	1.01	1.10	9.01	8.65	104
Webster Flat*	9200	4/26	1.77	2.95	24.60	24.00	102
Widtsøe-Escalante #3	9500	4/29	0.74	1.80	13.15	14.60	90
Widtsøe R.S.	7600	4/29	0.18	0.75a	4.40	5.98a	74

SEVIER RIVER BELOW RICHFIELD

(Including San Pitch River)

Beaver Dams	8000	4/26	1.30	2.50	11.60	17.70	66
Farnsworth Lake	9900	4/28	2.07	2.65	15.01	21.80	69
G.B.R.C. Headquarters(1)	8700	4/29	1.90	3.41a	14.24	22.45a	63
G.B.R.C. Meadows(1)	10000	4/29	1.93	3.55a	18.49	24.82a	74
G.B.R.C. Oaks (1)	7655	4/29	1.02	2.24a	8.57	15.52a	55
Gooseberry R.S. (1)	7800	4/28	1.40	1.85	10.62	15.10	70
Gooseberry Reservoir*	8700	4/27	0.98	2.75	16.31	21.65	75
Mammoth R.S. #2*	8600	4/27	1.10	2.75	16.58	21.45	77
Mt. Baldy R.S.	9500	4/26	1.33	- -	14.72	- -	- -
Pickle Keg Springs	9600	4/25	1.29	- -	12.24	- -	- -
Pine Creek	8700	4/29	2.00	3.70	22.00	27.40	80
Salina Creek (lower)	7250	4/25	0.45	- -	6.54	- -	- -
Shingle Mill	6200	4/28	1.65	2.15	14.32	17.50	82
White Gate	9350	4/25	0.77	- -	8.60	- -	- -

(1) Data supplied by U.S. Forest Service. (2) Data supplied by U.S. Weather Bureau. a - all values estimated except those where symbol "a" occurs. *Adjacent drainage.

PRECIPITATION DATA (Inches)

DRAINAGE BASIN AND RAIN GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. 10/1 TO DATE		
		DATE OF READING	MONTH'S PRECIPITATION	1948 - 62 AVERAGE	THIS YEAR	1948 - 62 AVERAGE	PERCENT OF AVERAGE

BEAVER RIVER

Beaver Canyon P.H. (2)	7275	4/30	0.82	1.85a	8.58	12.19a	70
Big Flat	10290	4/25	0.99	3.15	15.26	21.85	70
Merchant's Valley	8650	4/25	1.00		12.47		- -

PAROWAN CREEK

Tall Poles	8800	4/25	2.09		15.12		- -
Yankee Reservoir	8700	4/25	2.14	1.65	12.97	13.60	95

COAL CREEK

Cedar Breaks	10390	4/25	1.80	3.15	22.09	25.15	88
Webster Flat*	9200	4/26	1.77	2.95	24.60	24.00	102

ENTERPRISE TO NEW HARMONY DRAINAGE

Little Grassy Creek	6100	4/27	0.20	2.00	17.34	13.90	125
Long Flat	8000	4/27	1.10	2.30	14.67	16.30	90

COLORADO RIVER DRAINAGE

UPPER GREEN RIVER IN UTAH (Tributaries above Flaming Gorge)

Black's Fork Jct.	8925	4/25	1.96	- -	9.88	- -	- -
Burnt Creek	7900	4/29	2.25	- -	8.75	- -	- -
E.Fk. Black's Fk.G.S.	9300	4/25	2.55	- -	10.96	- -	- -
Hewinta G.S.	9500	4/25	2.45	- -	11.95	- -	- -
Hickerson Park	9100	No Report		- -	- -	- -	- -
Spirit Lake	10300	4/25	2.30	- -	13.41	- -	- -
Steel Creek Park	9900	4/25	2.98	- -	12.98	- -	- -

GREEN RIVER TRIBUTARIES BETWEEN FLAMING GORGE & DUCHESNE RIVER

Grizzly Ridge	8500	4/29	2.37	- -	14.45	- -	- -
King's Cabin(upper)	8730	4/25	2.20	2.20	12.73	14.95	85

DUCHESNE RIVER

Brown Duck Ridge	10800	No Report		- -	- -	- -	- -
Currant Creek	7800	4/28	0.67	1.80	12.37	15.10	82
Daniels-Strawberry Smt.*	8000	4/27	0.60	2.40	16.08	21.20	76
East Portal Ridge*	7800	4/30	1.00	- -	15.85	- -	- -
Indian Canyon	9100	4/27	0.25	2.15	13.99	17.35	81
Jackson Park	10650	No Report		- -	- -	- -	- -
Julius Park	9800	4/27	1.24	2.00	13.03	16.90	77
Lakefork Mountain	10500	4/28	0.74	1.70	12.19	15.80	77
Moon Lake	8150	4/30	0.30	1.05a	7.85	9.34a	84

(1) Data supplied by U.S. Forest Service. (2) Data supplied by U.S. Weather Bureau. a - all values estimated except those where symbol "a" occurs. *Adjacent drainage.

PRECIPITATION DATA (Inches)

DRAINAGE BASIN AND RAIN GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. 10/1 TO DATE		
		DATE OF READING	MONTH'S PRECIPITATION	1948-62 AVERAGE	THIS YEAR	1948-62 AVERAGE	PERCENT OF AVERAGE

DUCHESNE RIVER - Continued

Mosby Mountain	9500	4/27	1.59	- -	13.55	- -	- -
Paradise Park	10100	4/27	1.91	2.10	15.96	18.10	88
Rock Creek	7900	4/29	0.69	1.35	10.65	13.50	79
Soapstone R.S.*	7800	4/29	1.60	2.20	14.22	18.70	76
Strawberry Res.-E, Portal*	7606	4/30	0.70	1.37 ^a	9.87	11.96 ^a	83
Trial Lake	9800	4/29	2.33	3.40	21.71	27.20	80
White River #1*	8600	4/28	0.50	2.25	10.60	18.25	58

PRICE RIVER

Clear Creek Ridge #2*	8000	4/27	1.07	2.50	13.20	19.00	69
Gooseberry Reservoir	8700	4/27	0.98	2.75	16.31	21.65	75
Indian Canyon	9100	4/27	0.25	2.15	13.99	17.35	81
Mammoth R.S.#2	8600	4/27	1.10	2.75	16.58	21.45	77
Mud Creek	8300	4/28	0.75	2.60	12.05	18.10	66
White River #1	8600	4/28	0.50	2.25	10.60	18.25	58

SAN RAFAEL RIVER

Buck Flat	9400	4/26	1.05	3.10	13.20	20.25	65
G.B.R.C. Meadows*(1)	10000	4/29	1.93	3.55 ^a	18.49	24.82 ^a	74
Gooseberry Reservoir*	8700	4/27	0.98	2.75	16.31	21.65	75
Orange Olsen		4/25	0.25	- -	6.00	- -	- -
Red Pine Ridge	9400	4/25	1.35	3.50	16.90	24.20	70
Stuart R.S.	7950	4/27	0.50	2.40	9.35	15.30	61

MUDDY RIVER

Mt. Baldy R.S.*	9500	4/26	1.33	- -	14.72	- -	- -
-----------------	------	------	------	-----	-------	-----	-----

FREMONT & ESCALANTE RIVERS

Black's Flat-U.M. Creek	9250	4/28	0.71	1.70	9.78	13.70	71
Farnsworth Lake*	9900	4/28	2.07	2.65	15.01	21.80	69
Fish Lake	8700	4/28	0.66	1.53	8.10	8.96	90
Widtsoe-Escalante #3	9500	4/29	0.74	1.80	13.15	14.60	90

VIRGIN RIVER

Duck Creek R.S.	8560	4/29	0.90	2.90	22.08	22.40	99
Webster Flat	9200	4/26	1.77	2.95	24.60	24.00	102

SOUTHEASTERN UTAH DRAINAGES

Buckboard Flat	9000	4/25	1.90	2.70	19.95	23.90	83
Camp Jackson	8600	4/26	0.90	2.15	17.70	18.90	94
LaSal Mountain(upper)	9600	4/25	1.50	3.05	18.60	22.70	82

(1) Data supplied by U.S. Forest Service. (2) Data supplied by U.S. Weather Bureau. a - all values estimated except those where symbol "a" occurs. *Adjacent drainage.

Agencies Cooperating in Utah Snow Surveys

U.S. GOVERNMENT AGENCIES

U.S. Department of Agriculture
Soil Conservation Service
Forest Service
U.S. Department of Commerce
Weather Bureau
U.S. Department of Interior
Bureau of Reclamation
Geological Survey
National Park Service

STATE AGENCIES

Utah Agricultural Experiment Station
Utah Fish and Game Department
Utah State Engineer
Bear River Commissioner
Price River Commissioner
Provo River Commissioner
Sevier River Commissioners
Spanish Fork River Commissioner
Utah Lake and Jordan River Commissioner
Utah Water and Power Board

MUNICIPALITIES

Manti
Salt Lake City

ORGANIZED PUBLIC AGENCIES

Beaver River Water Users Association
Board of Canal Presidents - Jordan River
Emery Canal and Reservoir Company
Moon Lake Water Users Association
Ogden River Water Users Association
Provo River Water Users Association
Strawberry Water Users Association
Sevier River Water Users Association

PRIVATE AGENCIES

Kaiser Steel Corporation

UNITED STATES DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
FEDERAL BLDG. -- ROOM 4012
SALT LAKE CITY, UTAH 84111

OFFICIAL BUSINESS

POSTAGE AND FEES PAID
U. S. DEPARTMENT OF AGRICULTURE

FIRST CLASS MAIL

FEDERAL - STATE - PRIVATE
COOPERATIVE SNOW SURVEYS

Furnishes the basic data
necessary for forecasting
water supply for irrigation,
domestic and municipal water
supply, hydro-electric power
generation, navigation,
mining and industry

*"The Conservation of Water begins
with the Snow Survey"*

U. S. Department of Agriculture
Library, Current Serial Record
Washington 25, D. C.

J